

**WHAT IS CLAIMED IS:**

## **FILTER ELEMENT WITH PLASTIC FILTER CASING**

### **Abstract of the Disclosure**

**[0032]** A filter element includes a supporting pipe permeable to fluids surrounded by a mat filter which in turn is enclosed by a filter casing. The filter casing has openings and delimits a filter chamber. Two end caps are arranged on the faces. Because the filter casing consists of a plastic casing formed from an even blank, the two casing ends are bent towards each other and firmly joined together by a sealing seam formed by a heat sealing-, heat element-, or ultrasonic welding method, forming the filter chamber. A filter element is created which is economical to produce and which is more suitable for being recycled in its entirety.